

RET I, PAL

HUNG A

12154* Inspection of Metallurgical Products by Ultrasonics.
Kohászati termékek vizsgálata ultrahanggal. (Hungarian.)
Pál Rét: Kohászati Lapok, v. 10, no. 5, May-1955, p. 215-222.
Hungarian experience on ingots, steel rods, large forged pieces,
thick-walled tube and plates. Diagrams, photographs.

RETI, P.

Hungarian Technical Abst.
Vol. 5 No. 2
1953

9-16-54
EJP

30. New technological methods of the tool economy movement — *A szerszám-takarékossági mozgalmak új technológiai eljárásai* — *PéRETI* (Machinery — *Gép* — Vol. IV, No. 6, June 1952, pp. 257-260, 6 figs., 3 tabs.)

Four main methods of the technological processes of the Hungarian tool economy movement deserve to be mentioned. (a) Welding: worn or broken cutting, pressing and forging tools are dressed by deposit welding; great quantities of expensive steel can be saved with shank type tools by applying butt welding. (b) Electrochemical and chemical processes: worn, mainly multi-edge tools can be resharpened in a few minutes in an electrolyte consisting of sulphuric and phosphoric acids at 50 to 70 C°. The tools are connected as anodes and 10 V is applied, the tool edges will become thinner i. e. sharper. The

same results can be obtained at a slower rate (in 1 to 2 hours) without supervision by soaking in used acid, which, therefore, contains iron salts as well. Finally, impressive economies may be attained by the hard-chromium plating of cheap steel instruments, drawing dies, etc. (c) Surface treatment: Experiments conducted at the *Research Institute of the Iron Industry* established that the ability to maintain the cutting power of e. g. twist drills can be greatly increased by stepping up the decomposition of residual austenite by deep cooling. The surface hardness and life of high-speed steel tools has been increased considerably by carburizing in an atmosphere of illuminating gas, producer gas, etc. A 5 mil. on thick, extremely hard and corrosion resistant magnetic iron oxide film could be produced in superheated steam at 350 C°. (d) Sharpening methods: the ability of carbide tipped tools to retain cutting power was increased by grinding with diamond wheels, "angle-mechanical" sharpening and electrochemical polishing.

H. Erdős

RETI, Pal, dr., a muszaki tudományok kandidátusa

Effect of prefatigue on the strength properties of steels.
Gep 15 no.9:351-359 S '63.

1. "Gep" szerkeszto bizottsagi tagja.

RETI, Pal. dr.

News from the life of the Scientific Association of the
Machine Industry. Gep 15 no.11:464-467 N°63

1. "Gep" szerkeszto bizottsagi tagja.

GOLDSZTAJN, Mieczyslaw; RETINGER, Malgorzata

A myopathy in Cushing's syndrome. Pol. tyg. lek. 19 no.23:
875-876 1 Je'64

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie;
kierownik: prof. dr. Wl. Jakimowicz.

RETIVYKH, Yu. I., Cand. Tech. Sci (diss) "Investigation of
Clean Tooth-cutting of Tempered Teeth of Gears with High Hardness,"
Moscow, 1961, 16 pp (Moscow Lathe-instrum. Inst.) 200 copies
(KL Supp 12-61, 272).

A new Soviet Method for the Determination of Micro-hardness

By P. Rott, *From G. P. Zhurav, Vol. 3, No. 8, August, 1953, pp. 81-84, Illustrations.*

Micro-hardness determination plays an important role in research and production for the hardness measurement of thin surface layers, which are not susceptible to the usual methods of measurement. The two customary procedures used at present, the scratch and pressure tests, both have their disadvantages. The scratch test does not yield comparable values, while pressure tests penetrate through the surface layer, giving incorrect results. By reducing the applied load, the latter difficulty may be avoided, but the impressions become so small that magnification is necessary for measurement. Several methods have thus been developed, which consist in measuring an impression made by a suitably shaped diamond point, by means of a microscope.

The principal drawback of these methods is the difficulty of forming the diamond point. With the usual pyramidal shape of the tool, the four sides cannot be brought to a common point, and even with the most careful grinding, an edge formation of about 0.5 μ is unavoidable. As the diameter of some impressions may be of the order of only 1 μ , this edge will appreciably affect the hardness values obtained.

These considerations have led to the development of a new form of diamond point, in the shape of a pyramid based on an equilateral triangle. The angles are so chosen that the area of impression for a given pressure is the same as that for the Vickers diamond, i.e., the height of the base triangle is 0.866 a , and the height of the pyramid is 0.173 a , where a is one side of the base triangle.

The hardness figure is thus

$$H = \frac{P}{F} = \frac{2.092P}{a^2} = \frac{1.570P}{a^2}$$

where P = applied load in kg.

To determine the hardness, it is therefore sufficient to measure the height h of the indentation. Comparison with values obtained by the Vickers diamond for five different materials and over a range of 2 to 1000 grams load shows close agreement between the two methods.

19. The mechanical and technological properties of steel balls and their investigation. — *Acet-lyuk mekhanika i tekhnologiya tulajdonsigui*

svetok, puzynbuda by P. Reti (Machinery
Gep) Vol. III, No. 1, 5 pp. 200-202, April
May 1951, 7 figs.

P. RETI

are the following: yield point, 70.8 kg/mm²; tensile strength, 85 to 100 kg/mm²; elongation, 11 to 9 per cent; contraction, 59 to 46 per cent. The hardness of the balls is 62 to 66 HRC. The quality inspection is effected in two ways, by means of a fracture test: the ball is placed either between 2 flat pressure plates or between two balls of equal diameter. These two methods do not show identical results and the figures of the latter are more precise, however, this process is slower and more expensive. A diagram representing the values resulting from exhaustive experiments with both methods in the function of each other may be used to advantage, since it permits the application of the more simple two pressure plate process. The relationship between the rupture load and the ball diameter is $P = Kd^2$ where $K = 50$ to 90, however, particularly in the case of smaller size balls, this formula does not hold good. The rupture load must remain within certain limits, otherwise the ball will either be too brittle or too soft.

1ST AND 2ND COLUMNS													3RD AND 4TH COLUMNS												
PROCESSES AND PROPERTIES INDEX													1ST AND 2ND COLUMNS												
14 GEF MACHINERY VOL 111 1981 No. 4-5 April-May <u>P. Rati</u> Mechanical and technological properties of steel bolts and their investigation 200-202 ADV-SLO DETALLURGICAL LITERATURE CLASSIFICATION																									
APPROVED FOR RELEASE: 06/20/2000																									

CIA-RDP86-00513R0014447100

Genatl, A. Planning according to schedule in the Red October Men's Clothing Factory. p. 1.

Outstanding work methods in the machinery industry. p. 11.

TECHNOMICS, Budapest, Vol. 9, no. 3, Mar. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

TOROK, Tibor; ZIMMER, Karoly; RETI, Sandor

A new blackening-transformation. Magyar kem folyoir 68 no. 4:
395-398 S '62.

1. Eotvos Lorand Tudományegyetem Szervetlen és Analitikai
Kémiai Tanszéke, Budapest.

KADERA, Zdenek, inz.; RETICKY, Josef, inz.

Education of employees of the Ministry of Chemical Industry
in technical standardization. Normalizace 11 no.11:357-358
N°63.

1. Ministerstvo chemického průmyslu (for Kadera). 2. Ustav
pro normalizaci a měření (for Reticky)

RAUTENSHTEYN, Ya.I.; RETINSKAYA, V.I.

Comparative study of the effect of specific actinophages of
different virulence on Actinomyces erythreus. Mikrobiologiya
32 no.4:642-649 J1-Ag '63. (MIRA 17:6)

1. Institut mikrobiologii AN SSSR.

RETKES, Jozsef, tudomanyos seged munkatars.

Thoughts about snow damages in forest pine plantations.
Erdo 13 no.1:34-39 Ja'64.

1. Erdeszeti Tudomanyos Intezet, Szombathely-Kamon.

CHERNYY, A.S.; RETLING, V.K.

Precast reinforced concrete slaking towers for coke-oven
batteries. Prom.stroi. 37 no.12:24-26 D '59.
(MIRA 13:4)

1. Chelyabmetallurgstroy (for Chernyy). 2. Chelyabinskiy
Promstroyproyekt (for Retling).
(Coke ovens) (Precast concrete construction)

RETINA, T.A.

Morphological and anatomical changes in the tissues of leaves and stems of plum, apricot and apple caused by the silver leaf disease. Vest. Mosk. un. Ser. 6: Biol., pochv. 19 no.4:26-36
Jl-Ag '64. (MIRA 17:12)

1. Botanicheskiy sad Moskovskogo universiteta.

RETINGER, M.

Effect of innjection of mercury on the course of therapy of pleural empyema and of sero-cavernous pulmonary tuberculosis with special reference to bioptic picture of the bone marrow. Przegl. lek., Krakow 9 no.9:22-25 1953. (CML 25:5)

1. Of the Tuberculosis Department of the Third Internal Clinic (Head --Prof. J. Aleksandrowicz, M.D.) of Krakow Medical Academy and of Pradnik Municipal Hospital.

NUSINOV, G.O., doktor tekhn.nauk; ZYBALOVA, G.P., kand.tekhn.nauk;
Prinimali uchastiye: RETINSKAYA, A.N., inzh.;
ZVYAGINTSEV, K.N., inzh.; DUSHANOVA, N.N., inzh.;
KARNASH, E.M., inzh.

First data on the underground coal gasification in the
experimental gas producer of the Angren "Podzemgaz"
Gas Producer Plant. Nauch. trudy VNII Podzemgaza no.6:3-10
'62. (MIRA 15:11)

1. Laboratoriya gazifikatsii burykh ugley Vsesoyuznogo
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii
ugley.

(Angren Basin--Coal gasification, Underground)

RAUTENSHTEYN, Ya.I.; TIKHONENKO, A.S.; RETINSKAYA, V.I.

Electron microscope study of the actinophages in a lysogenic
Act. erythreus culture. Mikrobiologiya 31 no.1:49-53 Ja-F
'62. (MIRA 15:3)

1. Institut mikrobiologii AN SSSR i Institut radiatsionnoy fiziko-
~~biologicheskoy~~ biologii AN SSSR.
(BACTERIOPHAGE) (ACTINOMYCES)
(ELECTRON MICROSCOPE)

RETINSKAYA, V. I.

Dissertation defended at the Institute of Microbiology
for the academic degree of Candidate of Biological Sciences:

"Actinophages of Act. erythreus Culture and Their Role in the Vari-
ability of This Culture."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

RAUTENSHTEYN, Ya.I.; RETINSKAYA, V.I.

Actinophages of Actinomyces erythreus cultures. Izv. AN SSSR.
Ser. biol. no. 4:592-600 J1-Ag '60. (MIRA 13:8)

1. Institut mikrobiologii Akademii nauk SSSR.
(BACTERIOPHAGE) (ACTINOMYCES)

IL'INA, T.S.; TETERYATNIK, A.F.; FEDOROVA, I.V.; RETINSKAYA, V.I.

Use of actinophages in the selection of actinomycetes. Trudy Inst.
mikrobiol. no.10:182-186 '61. (MIRA 14:7)
(ACTINOMYCETES) (BACTERIOPHAGE)

RETINSKAYA, V.I.; RAUTENSHTEYN, Ya.I.

Lysogenic properties Actinomyces erythreus cultures and isolation
of actinophages specific for them. Mikrobiologiya 29 no.6:849-855
(MIRA 14:1)
No. D '60.

1. Institut mikrobiologii AN SSSR i Vsesoyuznyy nauchno-issledovatel'-
skiy institut antibiotikov, Moskva.
(ACTINOMYCE) (BACTERIOPHAGE)

RETINSKIY, A.P.

Efficiency suggestions from the Khabarovsk Territory Telecommunication Enterprises. Vest.svyazi 15 no.2:30-31 P'55.(MLBA 8:3)

1. Predsedatel' Khabarovskogo krayevogo komiteta profsoyusa
rabotnikov svyazi.
(Khabarovsk Territory--Telecommunication)

RETINSKIY, A.P.

USSR/ Miscellaneous - Telephone innovations

Card 1/1 Pub. 133 - 17/18

Authors : Retinskiy, A. P.

Title : Innovations at the communications offices of the Khabarovsk region

Periodical : Vest. svyazi 2, 30 - 31, Feb 1955

Abstract : The suggestions made and the innovations introduced by various laborers of the Khabarovsk region communication offices and the economical advantages derived therefrom are reported by the Chief of the Communications Workers Union in Khabarovsk.

Institution:

Submitted:

1ST AND 2ND COLUMNS																										3RD AND 4TH COLUMNS																									
PROCESSES AND PROPERTIES INDEX																																																			
<i>Handwritten: 118</i> The determination of calcium in tissues. I. D. Retinskil. <i>Lab. Prakt.</i> (U. S. S. R.) 1930, No. 1, 18-19. Digest 0.8-1 g. of finely divided tissues with NaCl soln. on the water bath, filter, add a satd. soln. of (COOH)₂, neutralize with NH₃ to methyl red and centrifuge after 24 hrs. for 10 min. Decant off the liquid, add water and again centrifuge. Dissolve the washed CaC₂O₄ ppt. in hot, dil. H₂SO₄, and titrate the hot soln. with 0.01 N KMnO₄. The Ca found in cattle tissues varied from 0.5 to 0.7%, and in rabbit tissues from 0.45 to 0.50%. 3 references. W. R. Henn																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
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DOLIDZE, M.V.; GUSEVA, N.N.; RETIVAYA, T.V.; KUNDZINYA, B.A.

Red and infrared spectral classification of M-type stars from
low-dispersion spectra in Cygnus IV. Biul. Akad. astrofiz.
obser. no.28:137-156 '62. (MIRA 16:7)
(Stars--Spectra)

DOKUCHAYEVA, O.D.; RETIVAYA, T.V.

Comparing the NIKFI Pankhrom 700 nonsensibilized film for astronomical photography with some kinds of astronomical photographic emulsions. Astron.tsir. no.227:7-10 F '62.

1. Gosudarstvennyy astronomicheskiy institut im. Shternberga.
(Astronomical photography--Equipment and supplies)

RETIVOV, V.

Plans and reality. Sov. profsoiuzy 13 no.16:15-17 Ag '62.
(MIRA 15:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.
(Machinery industry) (Trade unions)

RETIVOV, V.

Working man should be healthy. Okhr.truda i bote.strakh. 5
no.3:10-11 Mr '62. (MIRA 15:4)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.
(Machinery industry—Hygienic aspects)

RETIVOV, V.; TSUTSKOV, M.

Preventive supervision must be reinstated. Okhr.truda i sots.
strakh. no.9:17-21 S '59. (MIRA 13:1)

1. Predsedatel' Tsentral'nogo profsoyuza rabochikh mashinostroyeniya
(for Retivov). 2. Direktor Moskovskogo instituta okhrany truda
Vsesoyuznogo tsentral'nogo soveta profsoyuzov (for TSutskov).
(Factories--Design and construction)

RETIVOV, V.; MARKOV, N.

Trade unions and the establishment of work norms. Sots.trud
no.3:72-80 Mr '58. (MIRA 13:3)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh mashino-
stroyeniya (for Retivov). 2. Zaveduyushchiy otdelom zarabotnoy
platy Tsentral'nogo komiteta profsoyuza rabichikh tekstil'noy i
legkoy promyshlennosti (for Markov).
(Production standards)
(Trade unions)

RETIVOV, V.

Urgent tasks of mechanical engineers. NTO no.5:42-43 My '59.
(MIRA 12:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh mashinostro-
yeniya.

(Research, Industrial)

RETIVOV, V.

International relations of our innovators. Izobr. i rats. no.11:
38-39 N '58. (MIRA 11:12)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh mashinostro-
yeniya.

(Russia--Relations (General) with foreign countries)

RETIVOY, V.

Strengthen international fraternal ties. Sov. profsoiuzy 6 no.2:77-80
F '58. (MIRA 11:3)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.

(Trade unions)

RETIVOV, V. and MOROZOV, V.

"New Technology and Highly Efficient Machine Tools for Automatic Lines,"
Prom.-Ekon. Gazeta, Moscow, 9 Mar 56

Translation Sum. No.1084, 2 Oct 56

RETIVOV, V.S.

For technical development in the machinery industry. Mashinostroitel'
no.7:3-5 J1 '60. (MIRA 13:7)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.
(Machinery industry)

RETIVOV, V.S.

Man and the new technology. Zdorov'e 2 no.2:9-11 F '56 (MLRA 9:5)

1. Direktor Pervogo podshipnikogo zavoda.
(INDUSTRIAL HYGIENE)

BALAYEV, D.H.; BEZUKLADOV, V.F.; DEREVYANKO, Yu.G.; IOFFE, A.F.; ISAKOV, I.S.;
MATVEY, N.V.; MOISEYEV, A.A.; NEGANOV, V.I.; NOVOZHILOV, V.V.;
PAVLENKO, G.Ye.; PERSHIN, V.I.; POPOV, V.F.; RETIVOV, V.S.

Seventy-fifth birthday of Academician IULIAN Aleksandrovich
Shimanskii. Sudostroenie 24 no.12:66-67 D '58.
(MIRA 12:2)
(Shimanskii, IULIAN Aleksandrovich, 1883-)

~~RETIROY, V.~~

New machinery for the national economy. Sov.profsoliuzy 16
no.17:8-11 S '60. (MIRA 13:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
mashinostroyeniya.
(Machine industry)

RETIVYKH, A.P., student; STRELETS, M.N., dots., nauchnyy rukovoditel'.

Development of continuous steel casting and characteristics of
presently used "UMRS." Sbor. nauch. rab. stud. SMO DII no.2:25-32
'57. (MIRA 11:12)

(Smelting--Equipment and supplies)
(Steel ingots)

SOV/137-58-9-18691

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 79 (USSR)

AUTHORS: Retiviykh, A.P., Strelets, M.N.

TITLE: Continuous Steel-casting Progress and a Description of the Machines for the Continuous Casting of Steel Now in Operation (Razvitiye nepreryvnoy razlivki stali i kharakteristika deystviyushchikh v nastoyashcheye vremya UNRS)

PERIODICAL: Sb. nauchn. rabot stud. Donetsk. industr. in-t, 1957, Nr 2, pp 25-32

ABSTRACT: A presentation is made of the essence of the various methods of continuous casting of steel. Descriptions are presented of the principles of operation and the designs of continuous-steel-casting machines now operating in the USA, Canada, England, the German Democratic Republic, and the Soviet Union. A classification of the methods and installations for continuous steel casting is offered.

N.N.

1. Foundries 2. Foundries--Equipment 3. Steel--Casting

Card 1/1

ISAYEV, S., prokhodchik; NAZMUTDINOV, A., rabochiy ochistnogo zaboya;
RETIVYKH, S., vzryvnik; KICHKO, S., rabochiy ochistnogo zaboya.

"Utes" rest home. Mast.ugl. 9 no.8:25 Ag '60. (MIRA 13:8)

1. Kopeyskaya shakhta No.30 (for Isayev). 2. Kopeyskaya shakhta No.42 "Kapital'naya (for Nazmutdinov, Retivykh).
- 31 Korkinskaya shakhta "Prigorodnaya" (for Kichko).
(Ural Mountain region--Coal miners)
(Labor rest homes)

SHEVCHENKO, N.A.; RETIVYKH, Yu.I.; SIMONENKOV, Ya.A.

Milling slots with high-pressure cooling. Stan. i instr. 35
no.10:28-29 0 '64. (MIRA 17:12)

RETIVYKH, Yu.I.

Milling hardened gear wheels. Stan.i instr. 31 no.8:22-24
Ag '60. (MIRA 13:8)

(Gear cutting)

S/121/60/000/008/006/012
A004/A002

AUTHOR: Retivkykh, Yu. I.

TITLE: Gear-Milling of Hardened Gears ✓

PERIODICAL: Stanki 1 instrument, 1960, No. 8, pp. 22-24

TEXT: Since gear-grinding is a process which is only economical in mass production investigations were carried out by the Kafedra "Metallorazhushchiye stanki 1 instrument" (Department of "Metal-Cutting Machine Tools and Tools") of the Bryansk institut transportnogo mashinostroyeniya (Bryansk Institute of Transportation Engineering) to substitute the grinding of gears hardened up to a RC 56 hardness by gear-milling. The investigations were effected during the machining of gears made of the "20XHM3A" (20KhN3A) grade chrome-nickel steel, cemented and hardened up to RC 56. Preliminary tests were carried out on a gear-milling machine of Messrs. Pfauter with a pilot milling cutter ("freza-letuchka"), fitted with "T15K6", "T5K10", "BK8" (VK8), "BK6" (VK6), "BK6M" (VK6M) and "BK4" (VK4) sintered carbide bits. The rake angle of standard cross-section $\alpha_N = 0^\circ$, the back angle $\alpha_N = 8^\circ$. The investigations were carried out at a cutting speed of 21 m/min and feed of 0.02 mm/tooth. The cross-section area of

Card 1/2

Gear-Milling of Hardened Gears

S/121/60/000/008/006/012
A004/A002

the removed chip amounted to 5 mm^2 . The author presents graphs to show the investigation results. Further investigations were carried out with a built-up worm cutter of VNII fitted with VK6M sintered carbide bits, after the green gear had been machined by a high-speed worm cutter and then been subjected to cementation and hardening. The author gives a detailed description of the design of the built-up worm cutter, of a special fixture for the grinding of the tool bits, states the tool geometry and operational conditions. Finishing milling of the gear, hardened up to RC 58, was effected at a cutting speed of 24.3 m/min and a feed of 0.2 mm/rev . The checking results of a number of machined gears are cited in a table. Comparing counter gear-milling and unidirectional gear-milling, the author points out that, given the same cutting conditions, viz. $s = 0.3 \text{ mm/rev}$, $t = 0.3 \text{ mm}$, $T = 800 \text{ min}$, unidirectional gear-milling is by 25% more efficient. There are 11 figures. ✓

Card 2/2

BANO, Istvan, tudományos munkatárs; RETKES, József, tudományos segédmunkatárs

Objectives and methods of pine improvement and plantation farming.
Erdo 12 no.4:158-163 Ap '63.

1. Scientific Institute of Forestry, Szombathely-Kamon.

RETKHATI, L. (Budapesht)

Methods and results of studying deformations in buildings. Osn., fund. i
mekh.grun. 6 no.6:5-7 '64. (MIRA 18:1)

RETLAKI, Gyozo, tanar

From the heroic age of Hungarian aviation. Repules 14
no.6:7 Je '61.

RETLAKI, Gyozo

Sander Takacs, the first victim of the Hungarian aviation, died
50 years ago. Repules 15 no.10:13 0 '62.

PATAKI, B.Pal; RETLAKI, Gyoza

Antal Lanyi flew over the Balaton fifty years ago. Repules
14 no.8:6 Ag '61.

Retling, B.
• PLUZHNIKOV, V., master; RETLING, B., inzhener.

Experience with assembling precast reinforced concrete roof trusses. Stroitel' 2 no.1:16-17 Ja '56. (MLRA 10:1)
(Roofs) (Precast concrete construction)

RETLING, V., inzh.

Sloped roof panels. Stroitel' no. 8:19 Az '58.
(Roofing, Concrete)

(MIRA 11:8)

RETILING, V., inzh.; BESIDSKIY, S., inzh.

Large stained glass made of glass blocks. Na stroi. Ros. 3
no.5:23-24 My '62. (MIRA 15:9)
(Glass, Colored)

RETILING, V., inzh.

Vermiculite for buildings in the seven-year plan. Zhil. stroi.
no.1:25 '62. (MIRA 16:1)
(Vermiculite)

RETLING, V., inzh.

All-purpose plinth blocks. Zhil. stroi. no.12:30 '60.

(MIRA 13:11)

(Chelyabinsk--Building blocks)

RETLING 4V8K8ENG8

600

1. RETLING, V.K. (ENG)
2. USSR (600)
4. Stair Building
7. Prefabricated reinforced concrete stairs. Biul. stroi. tekhn. 9, no.9, 1952. Trest Chelyabmetallurgstroy
9. Monthly List of Russian Accessions, Library of Congress, August 1952, Unclass.

POKRAS, V.; RETMAN, A., prepodavatel'; SHIF, V.

Repair of fork lift trucks. Mor. flot 21 no.12:12-13 D '61.
(MIRA 14:12)

1. Starshiy mekhanik garazha avtopogruzchikov Odesskogo porta (for Pokras).
2. Odesskoye vyssheye morekhodnoye uchilishche (for Retman).
3. Gruppovoy mekhanik garazha avtopogruzchikov Odesskogo porta (for Shif)

(Fork lift trucks—Maintenance and repair)
(Cargo handling—Equipment and supplies)

POKRAS, V., inzh.; SHIF, V.; RETMAN, A., prepodavatel'.

Modernizing the hydraulic oil pump drive on 4000M and 4003 fork lift trucks. Mor. flot 23 no.6:14-15 Je '63. (MIRA 16:9)

1. Otdel mekhanizatsii i tekhnologii Odesskogo porta (for Pokras).
2. Starshiy inzh. tsentralizovannogo garazha avtopogrushchikov Odesskogo porta (for Shif).
3. Odesskoye morekhodnoye uchilishche (for Retman).

(Fork lift trucks--Hydraulic drive)

POKRAS, V.; RETMAN, A.; SHIF, V.

Changing the design of couplings for motortrucks. Avt.transp.
41 no.2:55-56 F '63. (MIRA 16:2)
(Couplings)

POKRAS, V., inzh.; RETMAN, A., prepodavatel'; SHIF, V.

From experience in the operation of lift trucks.

Mor. flot 22 no.9:17-18 S '62.

(MIRA 15:12)

1. Otdel mekhanizatsii Odesskogo porta (for Pokras).
2. Odesskoye vyssheye morekhodnoye uchilishche (for Retman).
3. Starshiy inzhener tsentral'nogo garazha avtopogruzchikov Odesskogo porta (for Shif).

(Fork lift trucks)

POKRAS, V., inzh.; RETMAN, A., propovedavatel' SHIF. V.

Construction of motor loaders. Mor. flot 24 no.9:10-11 S '44.
(MIRA 18:5)

1. Otdel mekhanizatsii Odesskogo porta (for Pokras). 2. Odesskoye morekhodnoye uchilishche (for Retman). 3. Starshiy inzh. tsentralizovannogo garazha avtopogruzhchikov Odesskogo porta (for Shif).

RETMAN, TADEUSZ

M-8

POLAND; Cultivated Plants - Decorative.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 11120

Author : Retman, Tadeusz

Inst : -

Title : Hanging (Weeping) Forms of Trees.

Orig Pub : Roczn. Sek. dendrol. Folsk. towarz. bot., 1956, 11, 171-193

Abstract : No abstract.

Card 1/1

13

REZNEV, V.M.; IVOYLOV, A.P.

Case of occupational disease due to grinding of hexachlorane. (Fig. sanit., Moskva no. 1:48-49 Jan 1953. (GLML 24:2)

1. Of Leningrad Order of Lenin Institute for the Advanced Training of Physicians imeni S. M. Kirov and of the Sanitary Epidemiological Station at Vologda Station of the First Northern Railroad.

RETNEV, V. M.

"The Hygienic Evaluation of the Working Conditions of Painters During the Painting of Railroad Passenger Cars." Cand Med Sci, State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov, Leningrad, 1954. (KL, No 3, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

RETRNEV, V. M.

AID P - 1415

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 12/23

Author : Retnev, V. M., Aspirant

Title : Problem of limiting the content of aromatic hydrocarbons in white spirit

Periodical : Gig. i san., 1, 44-45, Ja 1955

Abstract : Discusses the toxic effect of the human organism of white spirit (turpentine substitute) used in lacquers and dyes. Recommends its purification from aromatic hydrocarbons which may cause chronic poisoning.

Institution: Chair of Industrial Hygiene and Professional Diseases, Leningrad "Order of Lenin" Institute for the Improvement of Physicians im. S. M. Kirov.

Submitted : Mr 8, 1954

RETNEV, V.M., kandidat meditsinskikh nauk

Working conditions of painters in painting railroad passenger cars.
Gig. i san. 21 no.12:45-47 D '56. (MIRA 10:1)

1. Iz kafedry professional'nykh bolezney i gigiyeny truda lenin-
gradskogo instituta usovershenstvovaniya vrachey imeni S.M.Kirova.
(INDUSTRIAL HYGIENE
work conditions of railroad car painters)

Retnev, V.M.
RETNEV, V.M.

"Labor hygiene in building materials industry" by M.I.Kagan-
Luzgina, S.I.Murovannaia. Reviewed by V.M.Retnev. Gig.truda i
prof.zab. 1 no.5:61-62 S-O '57. (MIRA 10:11)
(BUILDING MATERIALS--HYGIENIC ASPECTS)
(KAGAN-LUZGINA, M.I.) (MUROVANNAIA, S.I.)

RETNEV, V.M., kandidat meditsinskikh nauk

Some data on chronic xylene poisoning. Vrach.delo no.5:513 My '57.
(MIRA 10:8)

1. Kafedra professional'nykh bolezney i gigiyeny truda (zav. -
prof. I.G.Fridlyand) Leningradskogo instituta usovershenstvovaniya
vrachey
(XYLENE--TOXICOLOGY)

RETNEV, V.M., kand. med. nauk

Reply to I.F. Zapalkevich's article "Working conditions of
painters engaged in passenger car repair." Gig. i san. 24 no.4:
66-67 Ap '59. (MIRA 12:7)

1. Iz kafedry professional'nykh bolezney i gigiyeny truda i
ekspertizoy trudosposobnosti Leningradskogo ordena Lenina instituta
usovershenstvovaniya vrachey imeni S.M. Kirova.
(RAILROADS--SANITATION) (PAINTING, INDUSTRIAL--HYGIENIC ASPECTS)

RETNEV, V.M. (Leningrad)

Influence of chrome compounds in cement dust on the development of bronchial asthma. Gig. truda i prof. zab. 4 no. 7:29-33
Jl '60. (MIRA 13:8)

1. Institut usovershenstvovaniya vrachey.
(CHROMIUM--PHYSIOLOGICAL EFFECT) (ASTHMA)

GRIGOR'YEV, E.E.; RETNEV, V.M.; YUFKEVICH, A.Ya.

Session devoted to the results of the work of the Leningrad Research
Institute of Industrial Hygiene and Occupational Diseases during
1959-1960. Biul. uch. med. sov. 2 no.5:36-37 S-O '61.

(MIRA 14:11)

(INDUSTRIAL HYGIENE—CONGRESSES)

RETNEV, V.M., kand.med.nauk

Improvement of working conditions in cement factories and cement plants of factories making reinforced concrete products. Gig. i san. 26 no.6:29-33 Je '61. (MIRA 15:5)

1. Iz kafedry gigiyeny truda i professional'nykh zabolevaniy Leningradskogo ordena Lenina instituta usovershenstvovaniya vrachey imeni S.M.Kirova i Leningradskogo nauchno-issledovatel'skogo instituta gigiyeny truda i professional'nykh zabolevaniy.
(CEMENT INDUSTRIES---HYGIENIC ASPECTS)

AGASHIN, Yu.A.; GRIGOR'YEV, Z.E.; KOVNATSKIY, M.A.; LEVIN, V.M.; OSIPOV, Yu.A.;
RAZUMOVSKIY, M.D.; RETNEV, V.M.; YURKEVICH, A.Ya.

Meeting devoted to the results of the work of the Leningrad Research
Institute on Industrial Hygiene and Occupational Diseases for 1959-
1960. Gig. i san. 26 no.8:110-114 Ag '61. (MIRA 15:4)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta gigiyeny
truda i professional'nykh zabolevaniy.
(INDUSTRIAL HYGIENE)

RETNEV, V. M., kand. med. nauk

Role of chromium compounds found in cement in the genesis and development of occupational dermatitis and eczema; a survey.
Vest. dermat. i ven. 36 no.7:46-50 J1 '62. (MIRA 15:7)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta
gigiyeny truda i professional'nykh zabolevaniy (dir. - prof.
Z. E. Grigor'yev)

(CHROMIUM COMPOUNDS—TOXICOLOGY)
(OCCUPATIONAL DISEASES)
(ECZEMA)

RETNEV, Vladimir Mikhaylovich; ZYATYUSHKOV, A.I., red.; ONOSHKO,
~~N.G., techn. red.~~

[Work hygiene in concrete production] Gigiena truda pri
izgotovlenii betona. Leningrad, Medgiz, 1963. 99 p.
(MIRA 16:9)

(CONCRETE PLANTS--SAFETY MEASURES)

FRIDLYAND, Iosif Grigor'yevich; PETNEV, V.M., red.; KHARASH, G.A.,
tekhn. red.

[Medical examinations of workers employed under unhealthy
working conditions] Meditsinskie osmotry rabotaiushchikh pri
vrednykh usloviakh truda. Leningrad, Medgiz, 1963. 299 p.
(MIRA 16:2)

(INDUSTRIAL HYGIENE)

RETNEV, Vladimir Mikhaylovich, kand. med. nauk

[Industrial hygiene at a reinforced concrete plant]
Gigiena truda rabochego na zavode zhelezobetonnykh
izdelii. Moskva, Stroiizdat, 1965. 49 p.
(MIRA 18:4)

RETNEV, V.M. (Leningrad)

Review of N.I.Sadovskaia and V.G.Matsak's book "Industrial
hygiene in the building materials industry." Gig. truda i
prof. zab. 7 no.3:61 Mr'63 (MIRA 17:1)

ROZNEV, V.M., kand.med.nauk

Significance of mechanization and automation in the production of
cellular concrete from the standpoint of labor hygiene. Bet.1 zhe, bet.
9 no.12:565-566 D '63. (MIRA 17:2)

RETNEV, Vladimir Mikhaylovich, kand. med. nauk; ZVORYKINA, L.N.,
red.

[Industrial hygiene in a cement factory] Gigiena truda na
tsementnom zavode. Moskva, Stroizdat, 1964. 46 p.
(MIRA 17:5)

RETOVSKY, R.; KLASTERSKA, Irena.

Study of the growth and development of Chlorella populations in the culture as a whole. IV. The polynuclear character of Chlorella cells.
Folia microbiol 5 no.3:145-148 '60. (EBAI 9:10)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences, Prague.
(CHLORELLA)
(PLANT CELLS AND TISSUES)

RETOVSKY, R.

RETOVSKY, R.

Events in biological sciences; the Libice Conference on Theoretical and Practical Research Problems in Plant Biology. Chekh. (MLRA 6:12)
biol. 1 no.1:135-136 '52.
(Czechoslovakia--Biology) (Biology--Czechoslovakia)

RETOVSKY, R.; KUTACEK, M.; ROKOSOVA, K.

A study of metabolism of exogenous tryptophan and B-indoleacetic acid in extirpated wheat embryos. In English. p. 54

BIOLOGIA PLANTARUM. (Ceskoslovenska akademie ved. Biologicky ustav)
Praha, Czechoslovakia, Vol. 1, no. 1, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

RETOVSKY, R.

Bioteknosis is apples. In German. p. 31

BIOLOGIA PLANTARUM. (Ceskoslovenska akademie ved. Biologicky ustav)
Praha, Czechoslovakia, Vol. 1, no. 1, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

KARAVANOV, G.G., prof.; RETVINSKIY, A.N.

Use of a vagosympathetic block in the treatment of acute pancreatitis.
Sov.med. 23 no.10:103-106 O '59. (MIRA 13:2)

1. Iz kliniki fakul'tetskoy khirurgii (zaveduyushchiy - prof. G.G. Karavanov) L'vovskogo meditsinskogo instituta (direktor - prof. L.N. Kuzmenko).

(PANCREATITIS therapy)
(ANESTHESIA, CONDUCTION)

RETOVSKY, R.
Retovsky, R.

Conference on the nutrition of plants at Liblice. p. 383.

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

RETOVSKY, R.; PAWLER, T.

Catalase activity of the organs of buckwheat (*Fagopyrum esculentum* Monch) during the developmental stage [with summary in German].
Chekh. biol. 1 no.1:13-20 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, fiziologiya rasteniy, Praha.
(Buckwheat)

RETOVSKY, R.; MARSALEK, J.; HRESL, J.

Ascidiform leaves of aster seedlings and the phenoxy derivatives of acetic acid [with summary in German]. Chekh. biol. 1 no.1:119-125 '52.
(MIRA 6:12)

1. Tsentral'nyy institut biologii, fiziologii i rasteniy, i Tsentr
ucheby Sadovodstva, Praha.
(Asters) (Ascidia (Botany))

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 10

CA

150

2,5-Thiophanedicarboxylic acid, a new synthetic growth promoter. R. Matyasky and V. Horak. *Chem. Listy* 40, 290-1(1946); *Biol. Abstracts* 21, 1224(1947).—2,5-Thiophanedicarboxylic acid is active for growth of yeast in the same concn. as the biotin prep. from yolk of egg. Concn. as low as 10^{-10} M in aq. soln. induced adventitious roots on epicotyls of *Vicia faba*. The new compd. is very effective for inducing growth of isolated plant embryos. M. F. R.

ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

REGION: 1										REGION: 2										REGION: 3										REGION: 4									
SUBREGION: 1										SUBREGION: 2										SUBREGION: 3										SUBREGION: 4									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

CA

Fucosanthin, zeaxanthin, and carotene from the mass cultures of *Navicula*. R. Retovský. *Collection Czechoslov. Chem. Commun.* 13, 631-60(1948)(in English). cf. C.A. 30, 1819. The prepn. of fucosanthin (I) and related carotenoids from *Navicula* (II) is described. Diatoms, II, from mass cultures were sepl. by centrifugation, and then extd. for several hrs. with MeOH. To the MeOH soln. H₂O was added until yellow pigments appeared, a protective petr. ether layer being used to prevent oxidation of the carotenoids. The soln. was refrigerated, filtered, and I transferred to CS₂ and submitted to chromatographic analysis with ZnCO₃ or talc on the top and CaCO₃ below. The upper CaCO₃ contained I as a wide brick-red band. A yellow zone of zeaxanthin (III) followed, the carotene (IV) going into the percolate. The zones were sepl. mechanically. The cycle was repeated, I extd. with MeOH, and evapd. to dryness *in vacuo*. The spectrum showed absorption max. in CS₂ at 508, 477, and 445 mμ. A mechanically sepl. zone of III was dissolved in petr. ether and absorbed on alumina. III was then eluted in MeOH and evapd. to dryness *in vacuo*. The spectrum in CS₂ showed absorption max. at 618, 483, and 451 mμ. The soln. of IV in MeOH was extd.

with petr. ether, concd., yielding small yellow crystals of IV, probably the α form. Acetone was similarly used to ext. I. A petr. ether ext. of dried diatoms yielded an oil contg. more than 20% of I. The apparent preponderance of I over other carotenoids is quite characteristic for this archaic type of plant. Based upon a crit. review of the literature (57 references), the chem. structure and relationship of I to other carotenoids are discussed. According to R.'s views, it would be more appropriate to presume carotenoids are both assimilation and respiratory pigments.

R. E. Dunbar

RETOVILKY, R.

The present state and future outlook in photosynthesis studies. p. 372.
(CESKOSLOVENSKA BIOLOGIE, Vol. 5, No. 6, Nov 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

CZECHOSLOVAKIA/General Biology - Genetics. Genetics of Plants.

B

Abs Jour : Ref Zhur Biol., No 6, 1959, 23660

Author : Petru, E., Retovsky, R.

Inst : -

Title : The Transformation of a Monoecious Corn Plant into a Female Plant in the Course of Ontogenesis

Orig Pub : Folia biol. (Ceskosl.), 1957, 3, No 5, 319-320

Abstract : By means of separation of the growing points of 7-day old sprouts and subsequent raising by means of cultures of tissues, purely female plants of corn (*Zea mays* var. *tunicata* St. Hil) were obtained by the authors.

Card 1/1

- 22 -

RETOVSKY, R.

Conference on the nutrition of plants at Liblice. p. 383
CESKOSLOVENSKA BIOLOGIE, Vol. 3, No. 6, Nov. 1954

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9 Sept. 1955
Uncl.

PETOVSKY, R.

V. L. Kretovich's book review. p. 634

Vol. 4, no. 10, Nov. 1955
CESKOSLOVENSKA BIOLOGIE
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

RETOVSKY, R.

"Events in Biological Sciences; the Libice Conference on Theoretical and Practical Research Problems in Plant Biology." p. 135 (CHEKHOSLOVATSKAIA BIOLOGIIA, Vol. 1, No. 1, May 1952 Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

RETOVSKY, R.; PAWLER, T.; POLASKOVA, K.; ZELINKOVA, M.

Original substances for biosynthesis of rubber in koksaghyz.
Chekh.biol. 2 no.4:215-219 Ag '53. (MLRA 7:4)

1. Institut biologii ChSAN, fiziologiya rasteniy, Praga.
(Kok-Saghyz)

RETOVSKY, R., MARSALEK, J., HRSEL, J.

"Ascidiiform Leaves of Aster Seedlings and the Phenoxy Derivatives of Acetic Acid." p. 119
(CHEKHOSLOVATSKAIA BIOLOGIIA, Vol. 1, No. 1, May 1952) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.